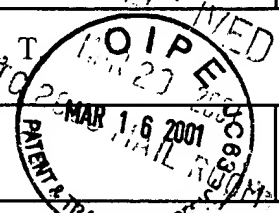


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| APPLICANT'S ART CITATION (Use several sheets if necessary) | | Application 09/518,709 | | OFGS File No. P/2171-180 | |
| | | Applicant YAMAHA, T | | | |
| | | Filing Date 3/3/00 | | Group Art Unit -- | |



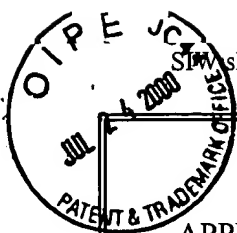
| U.S. PATENT DOCUMENTS | | | | | | | | | | | | |
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| Examiner Initials | Document Number | | | | | | | Date | Name | Class | Sub-class | Filing Date If Appropriate |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | | | | | | |
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| | Document Number | | | | | | | Date | Country | Class | Sub-class | Translation | |
| | | | | | | | | | | | | Yes | No |
| EO | 8- | 2 | 2 | 2 | 6 | 3 | 3 | 8/1996 | JAPAN | | | Abst | |
| EO | 7- | 1 | 2 | 2 | 5 | 5 | 1 | 5/1995 | JAPAN | | | Abst | |
| EO | 9- | 3 | 3 | 0 | 9 | 8 | 2 | 12/1997 | JAPAN | | | Abst | |
| EO | 10- | 0 | 7 | 4 | 7 | 5 | 5 | 3/1998 | JAPAN | | | Abst | |
| | | | | | | | | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
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| | | Japanese Office Action issued July 4, 2000. |
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| Examiner <i>Hayashida Dty</i> | Date Considered 10/31/01 |
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



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| APPLICANT'S ART CITATION (Use several sheets if necessary) | Application 09/518,709 | OFGS File No. P/2171-180 |
| | Applicant YAMAHA, T. | |
| | Filing Date 3/3/00 | Group Art Unit __ |

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U.S. PATENT DOCUMENTS

| Examiner Initials | Document Number | | | | | | | Date | Name | Class | Sub- class | Filing Date If Appropriate |
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FOREIGN PATENT DOCUMENTS

| | Document Number | | | | | | | Date | Country | Class | Sub- class | Translation | |
|----|-----------------|---|---|---|---|---|---|---------|---------|-------|---------------|-------------|----|
| | | | | | | | | | | | | Yes | No |
| EO | 63- | 2 | 4 | 4 | 6 | 2 | 8 | 10/1988 | JAPAN | | | Patl. | |
| EO | 8- | 4 | 5 | 9 | 2 | 6 | | 2/1996 | JAPAN | | | Patl. | |
| | | | | | | | | | | | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|----|--|--|
| EO | | English-language concise explanation of relevance of the three Japanese-language documents listed herein. |
| EO | | Technical Report of the Institute of Electronics, Information and Communication Engineers, Vol. 97, No. 508, SDM97-181, January 23, 1998, pp. 25-32. |
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| Examiner <i>Edgardo Ortiz</i> | Date Considered 10/31/01 |
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